

Converting Colors

XYZ(29.2476, 23.1974, 24.7615)

Have a look what the booklet for
XYZ(29.2476, 23.1974, 24.7615)
contains.

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Color

**XYZ(29.2504, 23.1994,
24.7661)**

Conversions

Conversions Part 1

Format	Color
Hex	B67084
RGB	182, 112, 132
RGB Percent	71%, 44%, 52%
CMY	0.2863, 0.5608, 0.4823
CMYK	0.00, 0.38, 0.27, 0.29
HSL	343°, 32%, 58%
HSV	343°, 38%, 71%
XYZ	29.2504, 23.1994, 24.7661
YIQ	135.2100, 35.3000, 21.0600

Conversions

Conversions Part 2

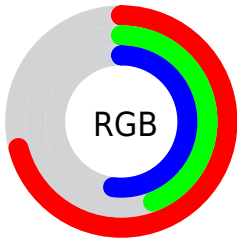
Format	Color
R_{YB}	182, 112, 132
Decimal	11956356
CIE Lab	55.28, 30.34, 0.81
CIE LCh	55, 30.355, 1.523
Yxy	23.1994, 0.3788, 0.3004
Android (android.graphics.Color)	4290146436 (0xFFB67084)
YUV	135.2100, -1.5825, 41.0348
Hunter-Lab	48.1658, 24.1105, 3.2300

Details

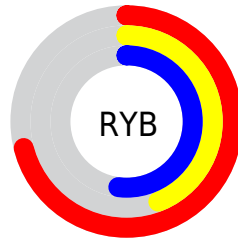
The XYZ color **29.2504, 23.1994, 24.7661** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.9326, 39.5097, 40.2329**, and the grayscale version is **23.1042, 24.3074, 26.4708**.

A 20% lighter version of the original color is **57.8087, 48.7638, 52.2644**, and **12.0364, 8.5818, 9.2057** is the 20% darker color. If you saturate the color by 10%, you get **26.6066, 19.2478, 19.7657**, and if you desaturate by 10%, it is **32.4123, 28.0093, 30.4867**.

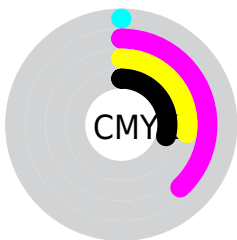
Distribution



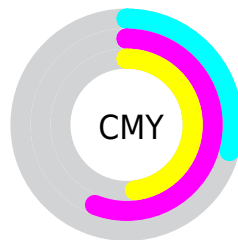
- Red (71%)
- Green (44%)
- Blue (52%)



- Red (71%)
- Yellow (44%)
- Blue (52%)



- Cyan (0%)
- Magenta (38%)
- Yellow (27%)
- Black (29%)





- Cyan (29%)
- Magenta (56%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2504, 23.1994, 24.7661 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 29.2504, 23.1994, 24.7661 by changing the saturation by 10% instead.

 29.2504, 23.1994,
24.7661


 29.2504, 23.1994,
24.7661

290.3675,
268.7475, 290.0814

 19.4156, 14.7408,
15.6854


 57.8695, 48.7205,
52.2369


 12.0767, 8.6377,
9.1499


 77.3845, 66.5519,
71.4642

 6.8685, 4.5056,
4.7409

 100.8568, 88.2762,
94.9107

 3.4256, 1.9602,
2.0400

 128.6520,
114.2781, 122.9950

 1.3826, 0.5842,
0.5797

161.1353,
144.9417, 156.1357

 0.2438, 0.0000,
0.0000

198.6721,

 0.0000, 0.0000,

180.6515, 194.7513

0.0000

241.6277,
221.7920, 239.2604

■ 29.2504, 23.1994,
24.7661

■ 29.2504, 23.1994,
24.7661

■ 26.6066, 19.2478,
19.7657

■ 32.4123, 28.0093,
30.4867

■ 24.4502, 16.1003,
15.4545

■ 36.1167, 33.7209,
36.9540

■ 22.7504, 13.7018,
11.8013


■ 40.3888, 40.3784,
44.1947


■ 21.4716, 11.9888,
8.7714


■ 45.2517, 48.0224,
52.2337


■ 20.5727, 10.8868,
6.3268


■ 50.7271, 56.6908,
61.0948


 19.9876, 10.2723,
4.4189

 56.8355, 66.4197,
70.8009

 19.9111, 10.1929,
4.1660

 63.5967, 77.2436,
81.3738

 70.1927, 87.5216,
92.5557

 72.1514, 88.3051,
102.8703

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.3087, 23.1994, 35.2777



29.2504, 23.1994, 24.7661



28.1041, 23.1994, 16.6832

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.2504, 23.1994, 24.7661



18.8067, 23.1994, 12.4280



19.0785, 23.1994, 45.5444

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



29.2504, 23.1994, 24.7661



29.9326, 39.5097, 40.2329

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.9350, 23.1994, 36.3650



29.2504, 23.1994, 24.7661



16.7898, 23.1994, 17.3450

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.2504, 23.1994, 24.7661



21.8771, 23.1994, 10.7886



16.1409, 23.1994, 25.7608



22.2245, 23.1994, 48.9722

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.2504, 23.1994, 24.7661



26.3721, 23.1994, 13.2575



16.1409, 23.1994, 25.7608



18.2286, 23.1994, 42.9299

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



29.2510, 23.2005, 24.7666



70.2013, 68.4808, 75.0422



28.9365, 22.5441, 47.0823



15.2818, 14.7768, 16.1963



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.2510, 23.2005, 24.7666



48.9798, 35.9956, 37.2697



29.6777, 26.0378, 18.7923



9.1073, 9.0533, 9.9124



14.0863, 7.2083, 3.0750



0.5242, 0.2651, 0.2537

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



29.2510, 23.2005, 24.7666



48.9798, 35.9956, 37.2697



29.1290, 34.8281, 49.4432



9.1073, 9.0533, 9.9124



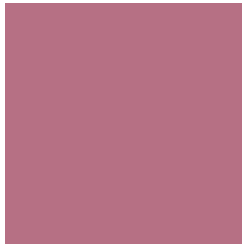
14.0863, 7.2083, 3.0750



0.5242, 0.2651, 0.2537

Previews

White Background



This preview shows how the XYZ color 29.2504, 23.1994, 24.7661 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 29.2504, 23.1994, 24.7661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2504, 23.1994, 24.7661

Background



This preview shows how black text looks on a background with the XYZ color 29.2504, 23.1994, 24.7661.



This preview shows how white text looks on a background with the XYZ color 29.2504, 23.1994,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

29.2504, 23.1994, 24.7661

Protanopia

22.8010, 23.4217, 29.7046

Deuteranopia

23.7142, 23.2264, 24.0021



Tritanopia

28.5862, 23.2635, 21.3960

Trichromacy



Original Color

29.2504, 23.1994, 24.7661

Protanomaly

24.6449, 23.0447, 27.9601

Deuteranomaly

25.4860, 23.0044, 24.2161

Tritanomaly

28.7271, 23.1404, 22.6911

Monochromacy



Original Color

29.2504, 23.1994, 24.7661

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.8413, 23.5754, 25.7955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2504, 23.1994, 24.7661 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(182, 112, 132)` looks like.

```
.text, #text, p{  
    color:rgb(182, 112, 132)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(182, 112, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 112, 132) }
```

Border

The CSS property to change the border of an element to XYZ 29.2504, 23.1994, 24.7661 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 112, 132) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(182, 112, 132) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(182, 112, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 112, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 112, 132);  
box-shadow:4px 4px 4px 4px rgb(182, 112,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2504, 23.1994, 24.7661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 112, 132) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(182,  
112, 132) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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